Bicycle Across Africa

High school students from around the world are taking part in a trek across the continent of Africa….by BIKE! You have been chosen as part of a cycling team representing students of Berthoud High School. As part of a this experience, you will be a member of a 3 person team that will be responsible for navigation (including estimated time in days and distance in miles), supplying your team with the necessary items, and for keeping track of your trip in your journal. On this journey your team will travel through 15 different countries and along the shores of two oceans.

The requirements of the teams are that:

1. Your team will start in Tunis, Tunisia and finish in Cape Town, South Africa.
2. Your route must pass through 15 African Countries- no more, no less. (FOLLOW PAVED ROADS) Duh you are on a bike!! ☺ As the route passes through a country, it must go through the capital. Tunis and Cape Town are included in the 15 countries. You must pass through one capital along the Atlantic Ocean coast and one on the Indian Ocean Coast.
3. The teams must also complete the following and describe their location and experience in their country logs (one for each person):
   1. Crossing a desert
   2. Passing through a rain forest
   3. Passing through an Islamic Country
   4. Crossing a major river
   5. Passing through a former French/Dutch/English/ or Italian Territory. Pick One.
   6. Visiting an area in which wildlife is being threatened
   7. Visiting a historical site (ie Pyramids, Great Zimbabwe, etc.)
   8. Visiting a major oil producing country
   9. Climbing Mt Kilimanjaro or visiting Victoria Falls or Great Rift Vally

* **NOTE: Teams must be aware of biological hazards (be properly vaccinated, avoid Ebola virus and other diseases), and consider that some countries’ political situations will alter their routes.**
* **You may only travel 12 hours per day.**

**Individual Assignments:**

1. Political Map of Africa

2. Climate Map of Africa

3. Precipitation Map of Africa

4. Physical Map of Africa

5. All teams may want to view the video Africatrek (teaser) <http://www.youtube.com/watch?v=DnZRO31vcPc> and take notes as to ideas of places they might want to go on their trip and to jot down any ideas for experience to write about in their country log.

Group Assignments:

Group Members:

1.

2.

3.

Directions and Activities

1. Logo- Working in a group of two or three, decide on a name and logo for you team. Team name and logo should be drawn and in color. 10 pts
2. Plan a draft route- map a draft route. Why you want to go here or there. What problems will you encounter? Which countries should you not go through? 10 pts
3. Let’s ride and distance/time chart- Each team will ride a stationary bike to determine what a reasonable speed that each person could ride at over a long period of time would be. The team will then use the chart to fill the route each day- starting point, stopping point, miles traveled, time needed, and which requirements it meets. 30 points.
4. 23 things- as a team, brainstorm a list of 23 essential items needed for a bike trip across Africa. \*\* On the day you present, your classmates will vote for which team has the best route and 23 essential items for the trip. The winning team will win the coveted “Pathfinder Award”! (10 bonus points) 10 pts
5. Final presentation Map- Once you have finished your draft map, you must complete a large presentation map of your route. You will use this map, as well as the list of 23 things in your final presentation. 10 pts
6. Presentation- each team will present to the class their proposed route and justify why they chose to go where they did. A list of trip essentials and solutions to hazards you encounter should be presented as well. Each team member must participate in the presentation. 10 pts
7. Country Log: Total of 15 logs is due by the end of your bicycle trek. Included in this log in list format - Description and current event. (120 pts/8 pts each)
8. Country Name, Population, Language, Religion, Government, Education, Occupations/Industry
9. \*\*\* Which of your 23 items will you need in this country and why?
10. \*\*\*\* Description paragraph of the country: Describe what it looks like, what would your team encounter?
11. **\*\*\*\*\* Current event from EACH country:** What major issues are happening………genocide, drugs, diamonds, etc…… BE VERY SPECIFIC about the event and what is happening in that country.

- Copy of newspaper article, Internet article etc. you obtained your information.